ecology and environment, inc.

SITE SAFETT FLAP

Version 988

	A.	GENERAL IPPORMATIO	).	
Project Title: MCC	onstruction	Project No.:	ZT3051	
·			TOS-9412-003	IEIL
Project Manager: Karen	Rudzewsk		: Brad Stim	ole
	Detroc C	1 . A	<i>'</i>	
Location(s): 2100 S.  Prepared by: Karen	Kostner, C	vicago, (00	10 0 911	7.5
Approval by: Jolly		Date Prepare	10 6.4	
Site Safety Officer Review:	1 15	Date Reviewe		
•	C 2 1.			
Scope/Objective of Work:		1	ct I soil sarry	the from
possible migration	42 6	de secon		<u>`</u>
Proposed Date of Field Activ	- <del></del>	79	· /	
Background Info: Complet	:•: { }	Preliminary () data available		in the state of th
Documentation/Summary:			. •	
Overall Chemical Hazard:	Serious Low	[ ] [ ]	Moderate [ ] Unknown [ ]	
Overall Physical Hazard	Serious Low	[ ]	Moderate [ ]	
	B. SI	TE/WASTE CHARACTERIS	TICS	
Waste Type(s):		•		
Liquid [ ]	Solid [X]	Sludge [ X]	Gas/Vapor [ ]	
Characteristic(s):		. /		
Flammable/[] Ignitable	Volatile [ ]	Corrosive [ ]	Acutely [ ] Toxic	
Explosive [ ]	Reactive [ 🔀]	Carcinogen ( )	Radioactive* [ ]	
Other:	<u>,                                      </u>	·	· · · · · · · · · · · · · · · · · · ·	
Physical Hazards:			• •	
Overhead [ ]	Confined* { } Space	Below [ ] Grade	Trip/Fall ( )	, , , , , , , , , , , , , , , , , , ,
Puncture [ ]	Burn [ ]	cut : ! 1	Splash ()	
Noise [ ]	Heat/Cold [ ] Stress	Other:		
		•		

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<sup>\*</sup>Requires completion of additional form and special approval from the Corporate Health/Safety group: Contact RSC or HQ.
HS018A(04/02/91)

Site History/Descript	ion and Unusual	Features (see Samp	ling Plan for detai	led description):	15 drums
found on a			uction com		erty. Drus
Locations of Chemi	<u>t</u>	7		oned cons	truction
Estimated Volume o	f Chemicals/Wast	.s: <u>N/5 d</u>	rums (55-	gal.)	
Site Currently in	Operation	Yes: [	] No: [ \( \) ]		<u> </u>
			D EVALUATION		
ist Physical Hazards hem. (Task numbers ( ask/Physical Hazard )	are cross-refere	nced in Section D),			
1	mpling	5 cut, puni	ture, splash	, cold stres	s, splash
			-;		
		······································			
emical Hazard Evalua	ition:	•			
Compound	PEL/TWA	Route of Exposure	Acute Symptoms	Odor Threshold	Odor Description
PCBS	I mg/m3	IH, IN, EC, SK	IR1, V, AB, N, F	NA	N/A
Barium	.5 mg/m3	IH, IN, EC, SK	V, DI, W, Pain	P/A	N/A
Benzene	1 ppm	IH, IN, EC, SK	V,DZ,H,SK-IR	4.68 ppm	sweet
Benzene Lynudear Aromatie	0.2 mg/m3	IH, BOB, SK, EC	E/SK-IR	varied	varied
<del></del>					<u> </u>
					<u> </u>
	·	;			ļ
1					
e: Complete and at	tach a Hazard Eve	aluation Sheet for	major known contam	inants. Codes for	C.H.E. below;
= ABDOMINAL PAIN = ACHES = ANEMIA = BLURRED VISION = COUGHING = WEAKNESS = HEADACHES	DI = DIARI DS = DISTI DP = CNS I DR = DROWS CD = CONTI	RHEA RESSED STOMACH DEPRESSION SINESS ACT DERMATITIS OF CONSCIOUSNESS	IH = INHALATI IN = INGESTIO IRI= IRR OF E IR = IRRITATI E = 5YES DZ = DIZZINES RT = RESPIRAT	N	OCULAR SKIN CONTACT ULCERATION VOMITING MOUTH CHEST PAIN

#### D. SITE SAFETY WORK PLAN

sice concroi.	Attach map, use be zone, etc.	ack of this p	age, or sketch of	•		on reduction.
Perimeter i	.dentified? [ 🔀 ]	Ņ [ ] Site	secured?		(×) (×)	
Work Areas	Designated?( )	[ ] Zone	(s) of Contamination	on Identified?	u i i Xi	
Personnel Prot	ection (TLD badges	required for	all field personne	II: TUD	, ,	
Anticipated	Level of Protection	on (Cross-ref	erence task number:	s to Section C):	•	
	·		•			
		A	В	c	D	± .
	Task	1		XX	X	
	Task -	- 2	X	XX		
<u>-</u>	Task	3		× ·	×	
	Task	4		`		
	(Expand i	if necessary)	^ -		· .	
Modifications:	Downas	ade t	o level C.	for drum	sampling.	y drums
are alre	ady open.	Seath C	ais monetou	ng wana	nts)	
Action Levels :	for Evacuation of W	fork Zone Pend	iing Reassessment o	f Conditions:		
o Level	D: 0, (19.5% or ) particulates >	25%, explosiv	ve atmosphere >10%	LEL, organic var	ors above backgrou	ind levels,
o Level				 LEL (California-	-20%), unknown orga	nic vapor (in
	breathing zone	) >5 <b>ppm</b> , par	ve atmosphere >25% rticulates > m	g/m³, other		
o Level	B: 0, (19.5% or )	25%, explosiv	re atmosphere >25%	/1/4		
	hřesthina zone	1 1500 ppm -	erticulates	mg/m . other	20%), unknown orga	nic vapors (in ,
						nic vapors (in
	A: 0, <19.5% or >	25%, explosiv	ve atmosphere >25% mg/m , other	LEL (California-		•
o Level	A: 0, <19.5% or >	25%, explosiviculates >	re atmosphere >25% mg/m², other	LEL (California-		•
o Level	A: 0, (19.5% or ) >500 ppm, part (daily calibration	25%, explosive circulates > unless other	mg/m <sup>2</sup> , other	LEL (California-	20%), unknown orga	•
o Level	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of	25%, explosive iculates > unless other	mg/m <sup>2</sup> , other  wise noted):  Type of Sample (area, personal)	LEL (California-	Prequency of Sampling	•
o Level	A: 0, (19.5% or ) >500 ppm, part (daily calibration	25%, explosive iculates > unless other	re atmosphere >25% mg/m³, other  wise noted):  Type of Sample (area, personal)	LEL (California-	Prequency of Sampling	•
o Level	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of	25%, explosive iculates > unless other	mg/m <sup>2</sup> , other  wise noted):  Type of Sample (area, personal)	Monitoring Equipment	Frequency of Sampling	nic vapors
o Level	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of	25%, explosive iculates > unless other Interest	mg/m <sup>2</sup> , other  wise noted):  Type of Sample (area, personal)	Monitoring Equipment  OVA/ANA  Rad-min	Frequency of Sampling	nic vapors
o Level	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of	25%, explosive iculates > unless other Interest  wapors  tmosphere	re atmosphere >25% mg/m³, other  wise noted):  Type of Sample (area, personal)  // // //	Monitoring Equipment  OUA/ANU  Rad-min  CGI	Prequency of Sampling  (outineous)	nic vapors
o Level	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of	25%, explosive iculates > unless other Interest  Wapors  tmosphere	mg/m <sup>2</sup> , other  wise noted):  Type of Sample (area, personal)	Monitoring Equipment  OVA/ANA  Rad-min	Frequency of Sampling  (outineous)	nic vapors
o Level Air Monitoring	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of  Organic  Radiate Explosive At Radiatic Expand if necessary	25%, explosive iculates > unless other Interest  wapous tmosphere	re atmosphere >25% mg/m³, other  wise noted):  Type of Sample (area, personal)  // // //	Monitoring Equipment  OVA/ANU  Rad-min  CGI  TID Dada	Frequency of Sampling  (outineous)	nic vapors
o Level Air Monitoring	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of  Organic  Radiate Explosive At Radiatic Expand if necessary	25%, explosive iculates > unless other Interest  wapous tmosphere	re atmosphere >25% mg/m³, other rwise noted):  Type of Sample (area, personal)  // // // // Personal	Monitoring Equipment  OVA/ANU  Rad-min  CGI  TID Dada	Frequency of Sampling  (outineous)	nic vapors
o Level Air Monitoring	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of  Organic  Radiate Explosive At Radiatic Expand if necessary	25%, explosive iculates > unless other Interest  wapous tmosphere	re atmosphere >25% mg/m³, other rwise noted):  Type of Sample (area, personal)  // // // // Personal	Monitoring Equipment  OVA/ANU  Rad-min  CGI  TID Dada	Frequency of Sampling  (outineous)	nic vapors
o Level Air Monitoring	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of  Organic  Radiate Explosive At Radiatic Expand if necessary	25%, explosive iculates > unless other Interest  wapous tmosphere	re atmosphere >25% mg/m³, other rwise noted):  Type of Sample (area, personal)  // // // // Personal	Monitoring Equipment  OVA/ANU  Rad-min  CGI  TID Dada	Frequency of Sampling  (outineous)	nic vapors
o Level Air Monitoring	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of  Organic  Radiate Explosive At Radiatic Expand if necessary	25%, explosive iculates > unless other Interest  wapous tmosphere	re atmosphere >25% mg/m³, other rwise noted):  Type of Sample (area, personal)  // // // // Personal	Monitoring Equipment  OVA/ANU  Rad-min  CGI  TID Dada	Frequency of Sampling  (outineous)	nic vapors
o Level Air Monitoring	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of  Organic  Radiate Explosive At Radiatic Expand if necessary	25%, explosive iculates > unless other Interest  wapous tmosphere	re atmosphere >25% mg/m³, other rwise noted):  Type of Sample (area, personal)  // // // // Personal	Monitoring Equipment  OVA/ANU  Rad-min  CGI  TID Dada	Frequency of Sampling  (outineous)	nic vapors
o Level Air Monitoring	A: 0, (19.5% or ) >500 ppm, part (daily calibration  Contaminant of  Dragnic  Radiate Explosive At Radiation  Explosive At Radiation  Expand if necessary Solutions and Proceeding Solutions and Proceeding Solutions  Lagrand is necessary  Lagra	25%, explosive iculates > unless other Interest  wapous tmosphere	re atmosphere >25% mg/m³, other rwise noted):  Type of Sample (area, personal)  // // // // Personal	Monitoring Equipment  OVA/ANU  Rad-min  CGI  TID Dada	Frequency of Sampling  (outineous)	nic vapors

• :

Personnel Decon Protocol: Duter disposal	e dathing will be
double - bogged + left on-site.	<u> </u>
00	
Decon Solution Monitoring Broadures if Applicables (1)	/A:
Decon Solution Monitoring Procedures, if Applicable: $\lambda$	
Special Site Equipment, Facilities, or Procedures (Sanitary Must Meet 29 CFR 1910.120):	y Facilities and Lighting
Site Entry Procedures and Special Considerations: Permiss	ion will be obtained prior to site entry. Stay upwind
of contamination when possible. The buddy system will be a	maintained at all times.
Work Limitations (time of day, weather conditions, etc.) as	
Work is restricted to daylight hours only and workers are to	
General Spill Control, if applicable:	
denetal Spill Control, Il applicable:	
Investigation-Derived Material Disposal (i.e., expendables,	decon waste, cuttings):
Investigative-derived materials will be decontaminated in a	ccordance with procedures listed above. The
decontaminated material will be bagged and left on-site in	appropriate waste containers with prior permission of
site owner/operator	
Sample Handling Procedures Including Protective Wear:	
After samples have been collected, the outside of the sample	e bottles will be decontaminated by washing (not
submerging) the bottles in an Alconox solution and rinsing	in distilled water. The protective clothing level
(i.e. suits, gloves, boots) worn during on-site job activit	ies will be maintained while decontaminating the
bottles. Respiratory protection will be worn based on prof	
will be worn while handling the bottles after decontaminati	on.
Team Hember*	Responsibility
Karen Risanewske To	am Leader
Donovan Robin si	te Safety Officer
Brad Stimple	<u>05C</u>
*All entries into exclusion zone require Buddy System use. monitoring program and have completed applicable training meets requirements of 29 CFR 1910.134, and ANSI Z88.2 (198	per 29 CFR 1910.120. Respiratory protection program
HS018A(04/02/91)	

#### E. EMERGENCY INFORMATION

(Use supplemental sheets, if necessary)

## LOCAL RESOURCES

(Obtain a local telephone book from your hotel, if possible)

Ambulance 9	·
Hospital Emergency Room Rush - Presbyterian - St. Lukes: 1653 W. Congress Pky : 94	6-6428
Poison Control Center 911	
Police (include local, county sheriff, state)	
Fire Department 911	
Airport Midway, Miegs	
Agency Contact (EPA, State, Local USCG, etc.) EPA Brad Stimple	
Local Laboratory NET Midwest 708-289-3100	
UPS/Fed. Express 1-800-238-5855	
client/EPA Contact Brad Stimple	
Site Contact N/A	
SITE RESOURCES	
Site Emergency Evacuation Alarm Method verbal or 3 blooks Car horn	
water supply source To be supplied by TAT	
Telephone Location, Number 781	
Cellular Phone, if available $\mathcal{N}\mathcal{A}$	
Radio N/A	
other N/A	
EMERGENCY CONTACTS	*
1. Dr. Raymond Harbison (Univ. of Florida)	)
2. Ecology and Environment, Inc., Safety Director	
Paul Jonmaire	
3. Dean Tiebout, Regional Safety Coordinator, Chicago (312) 663-9415 (office)	
4. Jerry Oskvarek, Office Manager, Chicago	
5. Tom Kouris, TAT Leader, Chicago	
6. Pat Zwilling, ATATE, Chicago	
7. Ron Bugg, TAT Safety Officer, Chicago	
HS018A(04/02/91)	

#### MEDTOX HOTLINE

1.	. Twenty-four hour answering service: (501) 370-8263	
	What to report:	
	- State: "this is an emergency."	
	- Your name, region, and site.	
	- Telephone number to reach you.	
	- Your location.	•
	- Name of person injured or exposed.	
	- Nature of emergency.	
	- Action taken.	
2.	A toxicologist, (Drs. Raymond Harbison or associate) will contact you. Repeat the inform answering service.	ation given to the
3.	If a toxicologist does not return your call within 15 minutes, call the following persons contact is made:	in order until
	a. 24 hour hotline - (716) 684-8940 b. Corporate Safety Director - Paul Jonmaire - c. Assistant Corp. Safety Officer - Steven Sherman - d. Chicago Health & Safety Manager - Dean Tiebout -	
	EMERGENCY ROUTES	
ni -	(NOTE: Field Team must Know Route(s) Prior to Start of Work) rections to hospital (include map) dostner North to I290; I290	8 + to
$\supset$	who ashland out Hospital on fortage god as	Casi a
20 20	t all orition the south	- 3000
Ŏ	A STATE OF THE STA	
Eme	ergency Egress Routes to Get Off-Site	
 ISO	18A(04/02/91)	
	Rush-Presbyterian - St. Luke	· ·
	Rush-Presbyterian - St. Luke 1653 W. Congress Pkwy	2
	al 100612	
	312-942-6428	



### ECOLOGY AND ENVIRONMENT, INC. - CHICAGO

Date:	Con	struction Wind Direction:	PAN/TDD#:		-1912-003
	·				·
EQUIPMENT	ID#	CALIB./OPER. CHECK	INITIALS & DATE	BACKGROUND READING	ON-SITE READIN
OVA ,					,
HNu 、					
Photovac Tube					
02 Meter					
Exposimeter				·	
Combo-meter					
Rad-MINI					
Monitor-4	-				
Draeger tubes				, , ,	
Monitox					
OTHERS:					
otective Clothin	ng Worn:	rotective Clothing (ex: \	· · · · · · · · · · · · · · · · · · ·	uipment possibly effec	ted by the
<del> </del>					
am Leader		•	(Si	gnature)	(Date)
te Safety Office	F(P	rint Name)	(51)	gnature)	(Date)

Please submit the original to Ron Bugg and a copy to the project file

Revised 4/1/92

## SITE DISTHETER LOG

PROJECT/PAN	ŧ	· · · · · · · · · · · · · · · · · · ·		SITE NAM			···
SITE SAFETY	OFFICER	,		VEEK OF			
NAME AND DOSIN. #	HONDAY	TUESDAY	VEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
,				·	·		·
		-				, .	·
·							<u>-</u>
					-	·	
							·
		. : -					
					·		
					:		
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						·	
· ·					*		

To the nearest half-hour, record time spent downrange as "S" (e.q., S:2.5hrs), time spent in active PDS operation as "P", and any time spent downrange in rescue activity as "R".

Taking ER van - all equipment in van

		JOD/PAN ZT3051/		
Warehouse Phone (312) 775-7763	P. EQUIPMEN	Took Leader K. Rydze	<u>uski</u>	
PROTECTIVE GEAR				
Level A	No.	Level B	Ro.	
SCBA		SCBA	3	
SPARE AIR TANKS		SPARE AIR TANKS	3	
ENCAPSULATING SUIT (Type)		FROTECTIVE COVERALL: Type Sovanex		
SURGICAL GLOVES (Latex)		SH H L		
MEOPRENE SAFETY BOOTS		EUTTL APRON		
BOOTIES (Latex)		SURGICAL GLOVES (LATEX)	1609	
GLOVES: Type		GLOVES: Type Dituil		
SR R L		SH E L L	80	
OUTER WORK GLOVES		REOPRENE SAFETY BOOTS	·	
CASCADE SYSTEM		POOTIES (LATEX)	Spr	
5-NINUTE ESCAPE MASK		EARD HAT	2	
COOLING VEST		FACE SHIELD		
HARD HAT		MANIFOLD SYSTEM WITH AIRLINE		
		CASCADE SYSTEM		
Level C		EAIB SUIT		
ULIRA-TWIM RESPIRATOR	2	OUTER WORK GLOVES		
POWER AIR PURIFYING RESPIRATOR				
CANTRIDGES (Type GMCH)	1 604	Level D		
PROTECTIVE COVERALL: Type Saconex	0	ULTRA-TWIN RESPIRATOR (Available)	2	
SN: N == L	3	CARTRIDGES (Type GMC-H)	1 box	
BUTYL APROM		S-HINUTE ESCAPE MASK (Available).		
SURGICAL GLOVES (LATEX)		FROTECTIVE COVERALL: Type Saranet		
GLOVES: Type Ditrile		SN K L	•,	
sn h <u> </u>	800.	OUTER WORK GLOVES		
OUTER WORK GLOVES	<u>.</u> .	EARD HAT		
GLOVE LINERS Litery	1.604	FACE SHIELD		
FACE SHIELD	<u> </u>	RAIN SUIT		
HARDRAT	2	WINTER BOOTS		
RAIN SUIT		BOOTIES (LATEX)	•	
NEOPRENE SAFETT BOOTS		MEOPRENE SAFETY BOOTS	<u> </u>	
BOOTIES (LATEX)	3 pr.	STEEL TOED BOOTS		
STEEL TOED BOOTS	2	SAFETY GLASSES	<u> </u>	

MS018D(05/30/89)

DECON EQUIPMENT  OTA  INSURAL DESORBER  DICKETS  SCAUS BRUSEES  DECKETS  SCAUS BRUSEES  PRESSURIED SPRAYER  PRESSURIED SPRAYER	<u> </u>	7	<u> </u>	T
NASH TURS  PRESENTATION  OJ/ENFLOSINGTER MYCAL RIT  SCHUB BRUSETS  SCHUB BRUSET (Type		No.	DECON EQUIPMENT	No.
OZ/EMPLOSINITER MYCAL RIT  PROTOYAC TIF  PRESSURIZED SPRATER  PRESSURIZED SPRATER  PRESSURIZED SPRATER  PRESSURIZED SPRATER  BUT TYPE  PASSIC RECEIVED  PRESSURIZED	OVA		WASH TUBS	ļ
PRESUNTION SPRATER  INCO (Plobe	THERMAL DESORBER		BUCKETS	
PROPOSAL SIZE OR 11.7)  REGULTICOS PROPOSAL SIZE OR 11.7)  REGULTIC SPECIAL SERVICES SIZE SIZE OR SOLVER STYPE LOCATOR  PLASTIC STEETING  PLASTIC STEETING  PLASTIC STEETING  PLASTIC STEETING  PLASTIC STEETING  PLASTIC STEETING  PRASE AND POLES  REGULTATE STATION  PRASE AND POLES  REGULTATES  REGULTATES  REGULTATES  REAL STRESS NOWITOR  PROSE EQUIPMENT  PROSE EQUIPMENT  PROSE EQUIPMENT  PROSE EQUIPMENT  PROSE EQUIPMENT  PROSE HOME SAMPLING PUTCH (Type )  PROTECTION CHAIRS  STEP LADORES  RADIATION EQUIPMENT  PROTECTION FORMS  PROTECTION FORMS  PROTECTION FORMS  PROTECTION STEEL STRESS  REAL PRODE  REA	02/EXPLOSIMETER W/CAL. KIT	<u> </u>	SCRUB BRUSHES	
MACRITORITE   SOLVENT (Type   )    PIET LOCATOR   PLASTIC STRITING    TRAPS AND FOLES   TRASS BAGS    TRASS BAGS   TRASS CASS    MONITOR COMPASS   TRASS CASS    MONITOR TAPE   TRASS MONITOR    MOLE EQUIPMENT   PAPER TOYELS    PAPER TOYELS    MOLE EQUIPMENT   PAPER TOYELS    PAPER TOYELS    MOLE MASS SANITIZER    FOLDING CHAIRS    MOLE MASS SANITIZER    FOLDING CHAIRS    MOLE PLADERS    MOLE PLAD	PHOTOVAC TIP	f	PRESSURIZED SPRAYER	<u> </u>
PIPE LOCATOR  PLASTIC STEETING  WASTER STATION  TARPS AND POLES  TRASH BASS  REWITOR CORPASS  REMITOR CORPASS  REAT STRESS MONITOR  DOLT TAPE  PAPER TOWLES	HHu (Probe 10.2 OR 11.7)		DETERGENT (Type)	
MATTHER STATION  DRANGER FURP, TURES  SRUTTOR COMPASS  SRUTTOR COMPASS  SRUTTOR COMPASS  THASH BAGS  THASH CAMS  MASKING TAPE  DUCT TAPE  BACE TOWERS  SAFER TOWERS  SAFER TOWERS  SAFER TOWERS  STEP LADGERS  DUST MONITOR (MOA OR CCA System)  FOLDING CHAIRS  STEP LADGERS  BADIATION EQUIPMENT  TLD BADGES  DOCUMENTATION FORMS  SCALER_MATERIETE  SALER_MARKERETE  MAI_Frobe  10 Of. AUGER GLASS BOTTLES  11. ANGER GLASS BOTTLES  GR SIde Window Probe  11. FLASTIC  RECHO R RETER / RAD-NIBT  ION CHANGER  JETT FAME  SPOORS  JETT FAME  SPOORS  JETT FAME  JET	HAGNETOHETER		SOLVENT (Type)	
DRAFGER PUMP, TURES  BRUNTON COMPASS  TRASH BAGS  TRASH CARS  MONITOR CHARLDE  MASKING TAPE  BLAT STRESS NONITOR  DUCT TAPE  PAPER TOWLES  BEAT STRESS NONITOR  DUCT TAPE  PAPER TOWLES  PACE HASE SAMITIEER  PARE NOWLES  BEEF LADORES  DISTILLED WATER  DISTILLED WATER  DISTILLED WATER  DOCUMENTATION FORMS  PORTABLE BATERISTER  BALLER/RATERISTER  BALLER/RAT	PIPE LOCATOR		PLASTIC SHEETING	٠.
BRUNTOR CURPASS  HORITOX CLANIDE  HAS STRESS NONITOR  BLAT STRESS NONITOR  DUCY TAPE  PAPER TOWELS  BASORAL SAMPLING PURPS (Type  DUST MORITOR (MDA OR GCA System)  FACE HASK SAMITISER  FULDING CHAIRS  STEP LADDERS  BADIATION EQUIPMENT  DISTILLED VATER  BOCUMENTATION FORMS  POSTABLE RATERITER  BALLER/RATERITER  BALLER/RATERITER  HAI. Probe  10 OK. ANDER GLASS BOTTLES  11. ANDER GLASS BOTTLES  12. ANDER GLASS BOTTLES  13. ANDER GLASS BOTTLES  14. ANDER GLASS BOTTLES  15. ANDER GLASS BOTTLES  16. ANDER GLASS BOTTLES  17. ANDER GLASS BOTTLES  18. ANDER GLASS BOTTLES  19. ANDER GLASS BOTTLES  10. ANDER GLASS BOTTLES  11. PLASTIC  12. ANDER GLASS BOTTLES  13. ALERT DOSINGTER  14. PLASTIC  15. PLASTIC  16. CLAMBER  17. PLASTIC  17. PLASTIC  18. PLASTIC  18. PLASTIC  19. PLASTIC  19	WEATHER STATION		TARPS AND POLES	
MONITOR CTANTOR  HEAT STRESS MONITOR  BOUT TAPE  DUCT TAPE  PAPER TOWELS  PAPER TOWELS  PACE MAIS SANITIZER  PACE MAIS SANITIZER  DUST MONITOR (MDA OR GCA System)  FOLDING CHARS  STEP LADGES  DISTILLED WATER  TAD SADGES  DOCUMENTATION FORMS  FORTABLE BATCHETER  SAMPLING EQUIPMENT  BI OE. AMBLE GLASS BOTTLES  TAS Probe  IS OE. AMBLE GLASS BOTTLES  I L. AMBLE GLASS BOTTLES  ALERY PARCH & PROBE  MECRO E NEWER / RAD-MINI  ION CHAMBER  ALERT DOSINGTER  PERST AND EQUIPMENT  FIRST AND EQUIPMENT  PERSONS  PILTER PAPER  PIL	DRAEGER PURP, TUBES	;	TRASH BAGS	A <sup>*</sup>
BEAT STRESS MONITOR  MOISE EQUIPMENT  PAPER YOULS  PACE HASE SANITIZER  PACE HASE SANITIZER  FOLDING CHARS  STEP LADDERS  STEP LADDERS  DISTILLED WATER  POSTABLE BATERSTER  SCALER/RATERSTER  SAMPLING EQUIPMENT  MAI-Probe  BO OZ. AMER GLASS BOTTLES  1 L. AMER GLASS BOTTLES  AND RAIGE WINDOW Probe  GR PANCER Probe  1 L. PLASTIC  HECRO R METER / RAD-HIMI  IOS CHAMBER  ALERT DOSINSTER  PERST AID EQUIPMENT  PIRST AID EQUIPMENT  PIRST AID EQUIPMENT  PRESCRATER BATERS  BUCK CALIBRATOR  BUCK CALIBRATOR  FILTER PAPER  PRESCRATING FORD UNION STREET  PRESCRATING FORD UNION SAMPLING FORD SUPPLIES  FILTER PAPER  PRESCRATING FORD UNION SAMPLING FORD SUPPLIES  FILTER PAPER  PRESCRATING FORD UNION SAMPLING FORD SUPPLIES  FILTER PAPER  PRESCRATIVES: ENGS HAGE OTHER SILES  SHOOT PRESSURE MOSETOR  PRESSERVATIVES: ENGS HAGE OTHER SILES  SLOOD PRESSURE MOSETOR	BRUNTON COMPASS		TRASH CARS	
MOISE EQUIPMENT  PERSONAL SAMPLING PURPS (Type  DUST MONITOR (MDA OR GCA System)  FACE MASK SANITIER  FOLDING CHAIRS  STEP LADDERS  DISTILLED WATER  DISTILLED WATER  TLD BADDES  DOCUMENTATION FORMS  PORTABLE BATEMSTER  SAMPLING EQUIPMENT  SAMPLING EQUIPMENT  FAL Probe  SO OK. AMBER GLASS BOTTLES  LL. AMBER GLASS BOTTLES  GM Pancake Probe  1 L. AMBER GLASS BOTTLES  GM Side Window Probe  1 L. PLASTIC  MICRO R NETER / RAD-HIET  SO S. GLASS  FILTER PAPER  POCKET DOSINETER  FILTER PAPER  FIRST AID EQUIPMENT  FORTABLE ETE WASH  DIOXIN SAMPLE KIT  BLOOD PRESSURE MONITOR  FESSEKVAITVES: EMOS	HORITOX CYANIDE		MASKING TAPE	
PERSONAL SAMPLING PUMPS (Type) PACE MASE SAMITISER  DUST MOBITOR (NDA OR GCA System) FOLDING CEALES  STEP LADDERS  DISTILLED WATER	HEAT STRESS MONITOR		DUCT TAPE	
POLING CRAIRS  STEP LADDES  RADIATION EQUIPMENT  TLD BADDES  DOCUMENTATION FORMS  PORTABLE RATEMETER  SAMPLING EQUIPMENT  Nai Frobe  10 05. ANSER GLASS BOTTLES  11. ANBER GLASS BOTTLES  11. ANBER GLASS BOTTLES  11. ANBER GLASS BOTTLES  12. ANBER GLASS BOTTLES  MICRO R METER / RAD-MINI  ROS GLASS  120 ML. GLASS  POCKET DOSINSTER  PRESENTATION  FILTER PAPER  PERSONAL SAMPLING PURP SUPPLIES  FILTER PAPER  PRESENTATION  STRETCERR  THISVING BOOS MITE BULES  FORTABLE ETE WASH  PERSENTATIVES: REOS_ NAOR OTHER  PERSENTATIVES: REOS	MOISE EQUIPMENT		PAPER TOWELS	
RADIATION EQUIPMENT  TLD SADGES  DOUMENTATION FORMS  PORTABLE RATERITER  SCALER/RATERITER  SAMPLING EQUIPMENT  SAMPLING SAMPLING FUNP SUPPLIES  FIRST ALD EQUIPMENT  STRETCHER  STRETCHER  THIEVIPM BOOS WITH SULES  SAMPLING EQUIPMENT  PRESERVATIVES: EROS BOOK OTHER  SAMPLING EQUIPMENT  STRETCHER  SAMPLING EQUIPMENT  SAMPLING SAMPLING FUNP SUPPLIES  DIOXIN SAMPLE RUIT  SAMPLING EQUIPMENT  PRESERVATIVES: EROS BOOK OTHER  SAMPLING EQUIPMENT  STRETCHER  SAMPLING EQUIPMENT  SAMPLING EQUIPMENT  STRETCHER  SAMPLING EQUIPMENT  SAMPLING EQUIPMENT  STRETCHER  STRETCHER  SAMPLING EQUIPMENT  SAMPLING EQUIPMENT  STRETCHER  SAMPLING EQUIPMENT  SAMPLING EQUIPMENT  STRETCHER  SAMPLING EQUIPMENT	PERSONAL SAMPLING PUMPS (Type)		FACE MASK SANITIZER	
TAD BADGES  TILD BADGES  DOCUMENTATION FORMS  PORTABLE RATHETER  SCALER/RATERIETER  HAI-Probe  10. AMBLE GLASS BOTTLES  11. AMBLE GLASS BOTTLES  AND SIDE WINDOW Probe  11. AMBLE GLASS BOTTLES  ALERT OSSINETER  ALERT DOSINETER  FIRST ALD EQUIPMENT  FIRST ALD EQUIPMENT  FIRST ALD EQUIPMENT  PORTABLE STE VASH  DIOXIN SAMPLING EQUIPMENT  FORTABLE ETE VASH  DIOXIN SAMPLING PUMP SUPPLIES  FIRST ALD EXTER PAPER  THIEVING RODS WITH BULBS  FORTABLE ETE VASH  DIOXIN SAMPLE KLY  PRESERVATIVES: EMOS_ NAOH_ Other_	DUST MOMITOR (MDA OR GCA System)		FOLDING CHAIRS	i
TILD BADGES  DOCUMENTATION FORMS  PORTABLE RATHERTER  SCALER/RATHERTER  HAI-Probe  10. AMBLE GLASS BOTTLES  11. AMBLE GLASS BOTTLES  AND SIDE WINDOW Probe  11. AMBLE GLASS BOTTLES  ALERT MICRO E METER / RAD-MINI  A OS. GLASS  LON CHAMBER  120 NL. GLASS  POCKET DOSINETER  FIRST ALD EQUIPMENT  FIRST ALD EQUIPMENT  FIRST ALD EQUIPMENT  FIRST ALD EQUIPMENT  FIRST ALD EXIT  STRETCHER  THIEVING DODS WITH BULBS  FORTABLE ETE WASH  DIOXIN SAMPLE KIY  PRESERVATIVES: ENDS NAON OTHER.			STEP LADDERS	
DOCUMENTATION FORMS  PORTABLE RATEMETER  SCALER/RATEMETER  SCALER/RATEMETER  RAI-Frobe  80 OZ. AMBER GLASS BOTTLES  1 L. ARBER GLASS BOTTLES  GR Probe  1 L. ARBER GLASS BOTTLES  GR Probe  1 L. PLASTIC  MICRO E NETER / RAD-NIBE  120 ML. GLASS  120 ML. GLASS  FILTER PAPER  FIRST ALD EQUIPMENT  PERSONAL SAMPLING PURP SUPPLIES  FIRST ALD EQUIPMENT  PERSONAL SAMPLING PURP SUPPLIES  FIRST ALD EXIT  OKTOSEM ADMINISTRATOR  EARD BAILERS  STRETCHER  POSTABLE ETE WASH  BLOOD PRESSURE MONITOR  PRESSERVATIVES: EMOS NAOM OTHER	BADIATION EQUIPMENT		DISTILLED WATER	7.
FORTABLE RATERETER  SCALER/RATERETER  SAMPLING EQUIPMENT  BAS Probe  1 L. AMBER GLASS BOTTLES  1 L. AMBER GLASS BOTTLES  40 ML. VIALS  GR Side Window Probe  1 L. PLASTIC  RECRO R METER / RAD-MINI  100 CHAMBER  120 ML. GLASS  FOOMS  FOURT DOSINGTER  FILTER PAPER  FILTER PAPER  FILTER PAPER  FIRST AID EQUIPMENT  FIRST AID EQUIPMENT  FIRST AID EQUIPMENT  FORTABLE ETE WASH  FORTABLE ETE WASH  BLOOD FRESSURE ROBITOR  FRESERVATIVES: MEOS NAOH OCCURRENCE  FR	TLD BADGES			
SCALER/RATERITER  RAI-Probe  80 OZ. AMSER GLASS BOTTLES  1 L. ANBER GLASS BOTTLES  1 L. ANBER GLASS BOTTLES  GR Pancake Probe  40 ML. VIALS  GR Side Window Probe  1 L. PLASTIC  1 L. PLASTIC  1 L. PLASTIC  1 ON CHAMBER  1 20 ML. GLASS  1 ON CHAMBER  1 10 ML. GLASS  FILTER PAPER  POCKET DOSINETER  POCKET DOSINETER  PERSONAL SAMPLING PUND SUPPLIES  FIRST AID EQUIPMENT  PERSONAL SAMPLING PUND SUPPLIES  STRETCHER  THIEVING BOOS WITH BULES  FORTASLE ETE WASH  BLOOD PRESSURE MOBITOR  PRESERVATIVES: EMOS HOOM Other  PRESERVATIVES: EMOS HOOM Other	DOCUMENTATION FORMS			
REX Probe  Ens Probe  1 L. AMBER GLASS BOTTLES  1 L. AMBER GLASS BOTTLES  40 HL. VIALS  GR Side Window Probe  1 L. PLASTIC  NECRO R METER / RAD-HIRT  4 OE. GLASS  120 HL. GLASS  IOM CHANGER  ALERT DOSINETER  FOCKET DOSINETER  FILTER PAPER  FIRST AID EQUIPMENT  FIRST AID EQUIPMENT  FIRST AID EQUIPMENT  OXIGEN ADMINISTRATOR  STRETCHER  FORTABLE SIE WASH  DIOXIN SANFLE KIT  FRESERVATIVES: MEOS_ NAOH_ Other_	PORTABLE BATEMETER			
Ens Probe  Ens Probe  I L. Ambre Glass bottles  (M Pancake Probe  GR Side Window Probe  I L. PLASTIC  1 L. PLASTIC  MECRO R METER / RAD-MINI  A OE. GLASS  IOW CHAMBER  ALERT DOSINETER  POCKET DOSINETER  PRESENTALD EQUIPMENT  FIRST ALD EQUIPMENT  FIRST ALD EQUIPMENT  FIRST ALD EXIT  OXIGEN ADMINISTRATOR  STRETCHER  POSTABLE STE WASH  BLOOD PRESSURE MONITOR  I L. AMBRE GLASS BOTTLES  40 ML. VIALS  A OE. GLASS  120 ML. GLASS  PRESENTALIS  FIRST ALD STEEL PAPER  FIRST ALD EXIT  BUCK CALIBRATOR  EARD BAILERS  THIEVING BODS WITH BULBS  FORTABLE STE WASH  BLOOD PRESSURE MONITOR  PRESERVATIVES: ENO3 HAOHOther	SCALER/RATEMETER		SAMPLING EQUIPMENT	
GN Pancake Probe  GN Side Window Probe  1 L. PLASTIC  A OS. GLASS  ION CHAMBER  120 ML. GLASS  ALERT DOSINETER  POCKET DOSINETER  FILTER PAPER  FILTER PAPER  FIRST AID EQUIPMENT  PERSONAL SAMPLING PUMP SUPPLIES  FIRST AID EXT  OXYGEN ADMINISTRATOR  STRETCHER  PORTABLE ETE WASH  BLOOD PRESSURE MONITOR  1 L. PLASTIC  4 OS. GLASS  1 20 ML. GLASS  FIRST  FIRST AID GLASS  FILTER PAPER  PERSONAL SAMPLING PUMP SUPPLIES  THISVING BODS WITH BULBS  PORTABLE ETE WASH  BLOOD PRESSURE MONITOR  PRESERVATIVES: EMOS HAOHOther	Hal-Probe	`	80 OZ. AMBER GLASS BOTTLES	
GR Side Window Probe  1 L. PLASTIC  NECRO R METER / RAD-MINI  5 0S. GLASS  120 ML. GLASS  ALERT DOSINETER  POCKET DOSINETER  FILTER PAPER  FILTER PAPER  FIRST AID EQUIPMENT  PERSONAL SAMPLING FUND SUPPLIES  FIRST AID KIT  OKTGEN ADMINISTRATOR  EAND BAILERS  STRETCHER  PORTABLE ETE WASH  BLOOD PRESSURE MONITOR  1 L. PLASTIC  S 0S. GLASS  PORTABLE  PORTABLE ETE VASH  DIOXIN SAMPLE  PRESERVATIVES: MEOS_ MAON_ Other_	Ins Probe		1 L. AMBER GLASS BOTTLES	
NECRO E NETER / RAD-HIBI  ION CHAMBER  ALERT DOSINETER  SPOONS  ENIVES  FIRST AID EQUIPMENT  FIRST AID EQUIPMENT  FIRST AID EQUIPMENT  FIRST AID EXIT  SUCK CALIBRATOR  EARD BAILERS  STRETCHER  FORTABLE ETE WASH  BLOOD FRESSURE MONITOR  ### ADEL OTHER CONTROL  ### ADEL O	QN Pancake Probe		40 HL. VIALS	
TOM CHAMBER  120 ML. GLASS  SPOONS  RRIVES  FIRST AID EQUIPMENT  FORTABLE ETE WASH  BUCK CALIBRATOR  EAND BAILERS  THIEVING BODS WITH BULBS  FORTABLE ETE WASH  BLOOD FRESSURE MONITOR  FRESERVATIVES: MBO3 HaOH Other	GN Side Window Probe	•	1 L. PLASTIC ·	,
ALERT DOSINETER  SPOORS  EMIVES  FILTER PAPER  FIRST AID EQUIPMENT  FIRST AID EQUIPMENT  OKTGEN ADMINISTRATOR  STRETCHER  THIEVING BOOS WITH BULBS  PORTABLE ETE WASH  BLOOD FRESSURE MONITOR  SPOORS  EMIVES  PRESERVATIVES: MEGG  PRESERVATIVES: MEGG  BLOOD FRESSURE MONITOR	HECRO R HETER / RAD-HINZ		4 OZ. GLASS	*#{: .
FILTER PAPER  FIRST AID EQUIPMENT  PERSONAL SAMPLING PUMP SUPPLIES  FIRST AID KIT  OKTGEN ADMINISTRATOR  EAND BAILERS  STRETCHER  PORTABLE ETE WASH  BLOOD PRESSURE HONITOR  KHIVES  PILTER PAPER  PRESCRATIVES: MEO3_ NAOH_ Other_	TOW CHAMBER		120 ML. GLASS	
FILTER PAPER  FIRST AID EQUIPMENT  PERSONAL SAMPLING PUMP SUPPLIES  BUCK CALIBRATOR  OXIGEN ADMINISTRATOR  EAND BAILERS  THIEVING BODS WITH BULBS  FORTABLE ETE WASH  BLOOD PRESSURE MONITOR  PRESERVATIVES: MEOS NAOH Other	ALERT DOSINETER #		SPOORS	
PERSONAL SAMPLING PUMP SUPPLIES  PIRST AID EQUIPMENT  BUCK CALIBRATOR  OXIGEN ADMINISTRATOR  EAND BAILERS  THIEVING BODS WITH BULBS  PORTABLE ETE WASH  BLOOD PRESSURE MONITOR  PRESERVATIVES: MBO3_ NaOH_ Other_	POCKET DOSINETER.		ENIVES	•
PIRST AID KIT  OKTGEN ADMINISTRATOR  HAND BAILERS  STRETCHER  THIEVING BODS WITH BULBS  PORTABLE ETE WASH  BLOOD PRESSURE MONITOR  PRESERVATIVES: MBO3_ NaOH_ Other_			FILTER PAPER	
ORIGEN ADMINISTRATOR  EAND BAILERS  THIEVING BODS WITH BULBS  PORTABLE ETS WASH  DIOXIN SAMPLE KIT  SLOOD PRESSURE MONITOR  PRESERVATIVES: MEOS NAOH Other	FIRST AID EQUIPMENT		PERSONAL SAMPLING PUMP SUPPLIES	J.
STRETCHER THIEVING BODS WITH BULBS  PORTABLE ETE WASH DIOXIN SAMPLE KIT  BLOOD PRESSURE MONITOR PRESERVATIVES: MBO3_ NaOH_ Other_	FIRST AID KIT		BUCK CALIBRATOR	
PORTABLE ETE WASH  DIOXIN SAMPLE KIT  BLOOD PRESSURE MONITOR  PRESERVATIVES: MBO3_ NaOH_ Other	ORIGEN ADMINISTRATOR		EAND BAILERS	
BLOOD PRESSURE MONITOR PRESERVATIVES: MMO3_ NaOH_ Other_	STRETCHER .		THIEVING BODS WITH BULBS	
	PORTABLE STE WASH		DIOXIN SAMPLE KIT	
FIRE EXTINGUISHER STRING	SLOOD PRESSURE MONITOR		PRESERVATIVES: MEGG HAOR Other	
	PIRE EXTINGUISHER		STRING	

		<b>,</b> , , , , , , , , , , , , , , , , , ,	
TRANFILUOS RAV	No.	HISCELLANEOUS (Cont.)	No.
TOOL KIT		HEARING PROTECTION	
HYDRAULIC JACK		LIFE VESTS	
LUG WRENCH		WALKIE-TALKIE	
TOW CHAIN		CONDUCTIVITY METER	,
VAN CHECK OUT		PH METER	
Gas		CAMERA	
oi1		WATER-LEVEL INDICATOR	
Antifreese		SPLIT SPOON SAMPLERS	
Battery		PVC HAND PUMP	
Windshield Wash		RESISTIVITY METER	
Tire Pressure		WELL POINT SAMPLER	
		ROBAIR PUMP SYSTEM	
PCI SCELLASIBOUS		THERMOHETER	
CHALK		MASTERFLEX PUMP & FILTER APPARATUS	<u>.</u>
LEVEL/TRIPOD AND ROD		SRIPPING EQUIPMENT	
BOWLS		COOLERS	<u> </u>
PITCHER PUMP		PAINT CARS WITE LIDS, 7 CLIPS EACH	44.
SURVEYOR'S TAPE "	,	VERMICULITE	
100 FIBERGLASS TAPE	·	DUST MASK	
306 HYLOH ROPE		SHIPPING LABELS	
MYLON STRING		DOT LABELS: "DANGER"	
SURVEYING PLAGS		"Up"	
PILK		"INSIDE CONTAINER COMPLIES"	
WHEEL BARROW		"HAZARD GROUP"	
BUNG WRENCH		STRAPPING TAPE	
SOIL AUGER		BOTTLE LABELS	
PICK		BAGGIES	<u> </u>
SHOVEL		CUSTODY SEALS	<u> </u>
CATALITIC HEATER		CHAIR-OF-CUSTODY FORMS	<u> </u>
PROPARE GAS	·	FEDERAL EXPRESS FORMS	
BARRIER TAPE		CLEAR PACKING TAPE	
SURVEYING METER STICK		<u> </u>	
CHAINING PINS & RING			<u> </u>
TABLES			<b></b>
WEATHER RADIO			<u> </u>
BINOCULARS			
NEGAPHONE:	]_	•	<b>I</b>

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## Vehicle Safety Checklist Ecology & Environment, Inc. Chicago Office

All Safety Belts-Proper Locking Engine (misses, knocks, etc.) Parking Brake Check Oil Vater/Anti-freeze	Date:	Time:	Odometer:
All Safety Belts-Proper Locking Parking Brake  Check 011 Vater/Anti-freeze Viper Fluid O11 Pressure Instrument Panel (Varning Lights or Buzzers) Born Windshield Viper & Vasher Heater/Defroster Mirrors Steering (Loose) Interior Lights Emergency Flashers Starts Properly FRONT: Eeadlights (Din/Bright) Turn Signals Emergency Flashers Emergency Flashers Emergency Flashers Emergency Flashers Emergency Flashers Emergency Flashers Tail Lights Brake Lights Brake Lights Brake Signals Emergency Flashers  TEAH MEMBER/OPERATOR:  Vehicle Cleanliness: Remarks:  Corrections Mecessary: TEAN MEMBER/OPERATOR:  Corrections Mecessary:  TEAN MEMBER/OPERATOR:  Corrections Mecessary:  TEAN MEMBER/OPERATOR:  Corrections Mecessary:  TEAN MEMBER/OPERATOR:  Corrections Mecessary:  TEAN MEMBER/OPERATOR:  Corrections Mecessary:  TEAN MEMBER/OPERATOR:  Corrections Mecessary:  TEAN MEMBER/OPERATOR:  Corrections Mecessary:  TEAN MEMBER/OPERATOR:	Vehicle Hodel:	Color:	License Plate No
Headlights (Dim/Bright)   Turn Signals   REMARKS:   Emergency Flashers	INTERIOR:  All Safety Belt Parking Brake  START ENGINE:  Oil Pressure  Instrument Pane (Varning Lights Horn  Vindshield Vipe Heater/Defroste Kirrors  Steering (Loose Interior Lights Emergency Flash Starts Properly	s-Proper Locking  l or Buzzers)  r & Vasher  r	Engine (misses, knocks, etc.)  Check Oil  Vater/Anti-freeze  Viper Fluid  Brake Fluid  OUTSIDE:  Tires (properly inflated)  Gas Tank Cap  EMERGENCY EQUIPMENT:  Fire Extinguisher  First Aid Kit  Flags, Flares,  Spare tire (properly inflated)  Tire Changing Kit
Tail Lights  Brake Lights  Back up Lights  Turn Signals  Emergency Flashers  TEAM MEMBER/OPERATOR:  (print name)  SITE NAME/ADDRESS: PAN/JOB NURBER:  WETURN OF VEHICLE TO DUTY STATION  Vehicle Cleanliness: Remarks:  Corrections Necessary: TEAM NEMBER/OPERATOR:	Headlights (Diz		
(print name) signature  SITE NAME/ADDRESS:  PAN/JOB NURBER:  ESTURN OF VEHICLE TO DUTY STATION  Vehicle Cleanliness: Remarks:  Corrections Necessary:  TEAM NEMBER/OPERATOR:	Tail Lights Brake Lights Back up Lights Turn Signals	ners	
PAN/JOB NUMBER:  BETURN OF VEHICLE TO DUTY STATION  Vehicle Cleanliness: Remarks:  Corrections Necessary:  TRAN NEMBER/OPERATOR:	TEAN MEMBER/OPERATOR		
Vehicle Cleanliness:  Remarks:  Corrections Recessary:  TRAM MEMBER/OPERATOR:	SITE NAME/ADDRESS: PAN/JOB NURBER:		
TEAM NEMBER/OPERATOR:		<b>:</b>	·
		ry:	
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## **WASTE-DISPOSAL METHODS**

The disposal methods outlined below are intended only as guides. We do not assume responsibility for their use. Careful consideration must be given to the chemical and physical properties of the substance. In addition, local laws and regulations may preclude the use of these methods which are primarily designed for small quantities. Observe all federal, state, and local laws.

The disposal of some chemicals may require deactivation or modification of the material by chemical means. Chemical waste-disposal reactions must be handled with the same care and consideration used with synthetic procedures. Appropriate consideration must be given to reaction conditions, i.e., stoichiometry, order and rate of addition, heat of reaction, evolution of gaseous products, pH, efficiency of stirring, rate of reaction, atmospheric sensitivity, etc.

Chemical waste-disposal reactions should be carried out in a chemical fume hood and in appropriate laboratory glassware. Because these reactions are often vigorous, protective safety equipment such as safety goggles, respirator, gloves, face and/or safety shield and other protective equipment must be used.

initial reactions in a disposal sequence should be carried out on a small scale (5-10g). The reactant concentrations should not exceed 10% of the reaction volume and the final reaction volume should not exceed 50% of the working capacity of the reaction vessel, regardless of the reaction scale. Larger quantities of the material should be handled in several small-size reactions. To ensure completion of reaction, the waste disposal procedure should be run for at least an additional 4 to 8 hours after all materials have been mixed.

All reactions should be run by technically qualified persons familiar with the potential hazards of the chemical reactions.

- A Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
- B The material should be ignited in the presence of sodium carbonate and sleked lime (galdium hydroxide). The substance should be mixed with vermiculie and then with the dry caustics, wrapped in paper and burned in a chemical incinerator equipped with an afterburner and scrubber.
- C This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.
- Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable.
- To a solution of the product in water, add an excess of dilute sulfuric acid. Let stand overnight. Remove any insolubles and bury in a landfill site approved for hazardous-waste disposal.
- F Cautiously dissolve the material in water. Neutralize immediately with sodium carbonate or, if the material does not dissolve completely, add a little hydrochloric acid followed by sodium carbonate. Add calcium chloride in excess of the amount needed to precipitate the fluoride and/or carbonate.

Separate the insolubles and bury in a landfill elte approved for hazardous-waste disposal.

- Under an inert atmosphere, cautiously add the material to dry butanol in an appropriate solvent. The chemical reaction may be vigorous and/or exothermic. Provisions must be made for venting of large volumes of highly flammable hydrogen and/or hydrocarbon gases. Neutralize the solution with aqueous acid. Filter off any solid residues for disposal as hazardous waste. Burn the liquid portion in a chemical incinerator equipped with an afterburner and scrubber.
- H Neutralize the solution and add filtering agent (10g per 100ml). Evaporate the liquid and bag the residual solld for burial in a landfill site approved for hazardous-waste disposal.
- Dissolve the solid in (or dilute the solution with) a large volume of water. Carefully add a dilute solution of acetic acid or acetone to the mixture in a well ventilated area. Provisions should be made to vent safely the hydrogen gas given off during the decomposition. Check acidity of the solution and adjust to pH 1 if necessary. Let stand overnight. Neutralize the solution (pH 7). Evaporate the solution and bury the residue in a landfill site approved for hazardouswaste disposal.
- J Cautiously acidify a 3% solution or a suspension of the material to pH 2 with sulfurio acid. Gradually add a 50% excess of aqueous sodium bisuifite with attring at room temperature. An increase in temperature indicates that a reaction is taking place. If no reaction is observed on the addition of 10% of the sodium bisuifite solution, initiate it by cautiously adding more acid. If manganese, chromium, or molybdenum is present, adjust the pH of the solution to 7 and treat with sulfide to precipitate for burial as hazardous waste. Destroy excess sulfide, neutralize and flush solution down the drain.
- K Please contact the Technical Services Department.
   Be sure to mention name, catalog number and quantity of the material.
- L The material should be dissolved in 1) water, 2) acid solution or 3) oxidized to a water-soluble state. Precipitate the material as the sulfide, adjusting the pH of the solution to 7 to complete precipitation. Filter the insolubles and dispose of them in a hazardous-waste site. Destroy any excess sulfide with sodium hypochlorite. Neutralize the solution before flushing down the drain.
- A sturry of the arenedizzonium salt with water can be disposed of by adding it gradually to a stirred solution of 5-10% excess 2-naphthol in 3% aqueous sodium hydroxide at 0-20°C. After 12 hours, the resulting azo dye is filtered and either incinerated or buried in a landfill site approved for hazardous-waste disposal. Neutralize the remaining solution before disposal.
- For small quantities: cautiously add to a large stirred excess of water. Adust the pH to neutral, separate any insoluble solids or liquids and package them for hazardous-waste disposal. Flush the squeous solu-

tion down the drain with plenty of water. The 'hydrolysis and neutralization reactions may generate heat and fumes which can be controlled by the rate of addition.

- O Bury in a landfill site approved for the disposal of chemical and hazardous waste.
- P Material in the elemental state should be recovered for reuse or recycling.
- Cautiously make a 5% solution of the material in water or dilute acid. There may be a vigorous, exothermic reaction and fumes may be generated due to the hydrolysis of the material. Control any reaction by cooling and by the rate of addition of the material. Gradually add dilute ammonium hydroxide to pH 10. Filter off any precipitate for disposal in a chemical landfill. If there is no precipitation, gradually adjust the pH from 10 to 6, stopping when precipitation occurs.
- R Catalysts and expensive metals should be recovered for reuse or recycling.
- S Treat a dilute basic solution (pH 10-11) of the material with a 50% excess of commercial laundry bleach. Control the temperature by the addition rate of bleach and adjust pH if necessary. Let stand overnight. Cautiously adjust solution to pH 7. Vigorous evolution of gas may occur. Filter any solids for burial in a chemical landfill. Precipitate any heavy metals by addition of sulfide and isolate for burial. Additional equivalents of hypochiorite may be needed if the metal can be oxidized to a higher valence state. For metal carbonyls, the reaction should be carried out under nitrogen.
- T Cautiously make a 5% solution of the product in water; vent because of possible vigorous evolution of flammable hydrogen gas. Acidify the solution to pH 1 by adding 1M sulfuric scid dropwise. Acidification will cause vigorous evolution of hydrogen gas. Allow the solution to stand overnight. Evaporate the solution to dryness and bury the residue in a landfill site approved for hazardous-waste disposal.
- U Take the material (or a solution) and make a 5% solution in tetrahydrofuran. Cautiously add the solution dropwise to an ice-cooled, stirred basic solution of commercial bleach. Oxidation may release flammable hydrocarbon gases which must be vented. Let stand overnight, Adjust the pH to 7 and destroy excess hypochlorite with sodium bisuifite before disposal of the solution.
- If Under an inert atmosphere cautiously add dry butanol or a mixture of dry butanol in an appropriate solvent, to a solution of the material in tetrahydrofuran. The chemical reaction may be vigorous and/or exothermic. Provisions must be made for the venting of a large volume of flammable hydrogen gas. When gas evolution geases, cautiously add a basic hypochlorite solution dropwise to the reaction solution. Let atand overnight, Neutralize the solution and treat with sodium bisulfite to destroy any excess hypochlorite. Filter any solids for burial in a landfill site approved for hazardous-waste disposal.

## THE SIGMA-ALDRICH LIBRARY OF CHEMICAL SAFETY DATA

# **Explanation of Codes**

# PROCEDURES FOR SPILLS OR LEAKS

- 1 Absorb on sand or vermiculite and place in closed container for disposal.
- 2 Cover with dry lime, sand, or soda ash. Place in covered containers using nonsparking tools and transport outdoors.
- 3 Shut off all sources of ignition.
- 4 Evacuate area.
- 5 Cover with an activated carbon adsorbent, take up and place in signed sentainer. Transport sudders,
- 6 Ventilate area and wash spill site after material pickup is complete.
- 7 Sweep up, place in a bag and hold for waste disposal.
- 8 Avoid raising dust.
- 9 Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
- 10 Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
- 11 Cover with dry lime or soda ash, pick up, keep in a closed container and hold for waste disposal.
- 12 Carefully sweep up and remove.
- 13 Flush splil area with coplous amounts of water.
- 14 Mix with solid sodium bicarbonate.
- 15 Place in appropriate container.
- 16 Wear protective equipment.
- 17 Wash spill site with soap solution.
- 18 Please contact the Technical Services Department. Be sure to mention the name and catalog number of the material.

#### FIRE-EXTINGUISHING MEDIA

- 1 Carbon dioxide.
- 2 Dry chemical powder.
- 3 Water spray.
- 4 Alcohol or polymer foam.
- 5 Class D fire-extinguishing material only.

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- 6 Water may be effective for cooling, but may not effect extinguishment.
- 7 Carbon dioxide, dry chemical powder, alcohol or polymer foam.
- 8 Foam and water spray are effective but may cause frothing.
- 9 Do not use dry chemical powder extinguisher on this material.
- 10 Do not use carbon dioxide extinguisher on this material.
- 11 Noncombustible.
- 12 Do not use water.
- 13 Use extinguishing media appropriate to surrounding fire condition



## Ecology and Environment, Inc. Hazard Evaluation of Chemicals Region V - Chicago

DATE : _ / _ /						CHENICAL NA
JOB NO:		SYN : CAS NO: DOT CLASS:	٠.	FORMULA:		
	<del></del>	CHEMI	CAL PROPER	TIES		
Phys St: Hol Mt : Sp Gr :	Boil Pt: Welt Pt: Frz Pt :		Ionz Pot : Vap Press: Odr Thr :	-	FI Pt: IFL : IFL :	·
Odor : DACOMPAT/REACT: SOLUBILITY :						·
		TOXICOL	OGICAL PRO	PERTIES	<del></del>	<del></del>
Exposure Limits: TLV-TMA (AC) Tox Data: IN-MAL : DERMAL : DRAL :	GIIO :	PEL (OSHA):	STEL:	i	IOLH:	
Oral : Carcin : Hutagen : Repro Tox:					· ·	•
AQUATIC : OTHER TOX: ROUTES OF EXP:						
	PE	RSONAL	PROTECT1 VE	MEASURE	S	
RESPIRATORS: CARTRIDGE TYPE: PROTECTIVE CLOTHING: SPEC PREFAULIONS:			•			
				•	•	
			FIRST AID			·
INHALATION: EYE/SKIN : INGESTION :	,					·
ACUTE :			SYMPTOMS		· · · · · · · · · · · · · · · · · · ·	
C-RONGC:						
DISPOSAL: DECOMPOSITION PRODUCTS:	DISPOSAL,	FIRE, S	PILLS (see		d sheet) LEAKS & SPILLS:	
		REFER	ENCES CONS	ULTED		

CHENICAL CLASSIFICATION:

LAST REVISION DATE:

Job Re.	
TDD/PAR	

### CHEMICAL HAIARD EVALUATION (C:atinued)

Contound	PCL/TWA	Route of Exposure	Acte Symptons	Odot Threshold	Oder Description
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ecology and environment, inc. HAZARD EVALUATION OF CHEMICALS PREPARATION/UPDATE DATE 4-12-89

CHEMICAL NAME: BARIUM

CAS NUMBER .

DOT NAME/ID NO : 1400

SYNONYMS: METALLIC BARIUM, BARIUM METAL

CHEMICAL AND PHYSICAL PROPERTIES:

CHEMICAL FORMULA: BA

MOLECULAR WEIGHT: 137.36 PHYSICAL STATE: SOLID SPG/D 3.5 SOLUBILITY (H20): REACTS

VAPOR PRESS: 10MM

FREEZING POINT: 1337 F

BOILING POINT:

THE RESERVE OF THE PARTY OF THE

FLASH POINT: FLAM SOLID FLAMMABLE I

en and the first of the second FLAMMABLE LIMITS.

ODOR CHARACTERISTICS:

INCOMPATABILIITIES: REACTS WITH WATER RELEASING TOXIC GASES. AMMONIA, OZ, HALOGENS, ACIDS METAL IN POWDERED FORM IS EXPLOSIVE

5.42年一次10年 第2章 中华名

BIOLOGICAL PROPERTIES:

IDLH: 250 MG/M3

TLV-TWA: 0.5 MG/M3

PEL: 0.5 MG/M3

ODOR THRESHOLD:

HUMAN (LCLO) :

RAT/MOUSE (LC50):

CARCINOGEN:

ROUTE OF EXPOSURE: [X] INHALATION

TERATOGEN:

[X] EYE CONTACT [X] SKIN CONTACT [X] INGESTION

MUTTGEN .

HANDLING RECOMMENDATIONS (PERSONAL PROTECTIVE MEASURES): PREVENT SKIN CONTACT. WEAR GLOVES. IMPERVIOUS CLOTHING

的中国中国的 31 与编码程序的 MR MONITORING RECOMMENDATIONS:

HEALTH HAZARDS:

SOLUBLE BARIUM COMPOUNDS ARE PRIMARY SKIN IRRITANTS AND CONVULSANT POISONS, MAY CAUSE LOCAL IRRITATION OF BYES, NOSE, THROAT,

BRONCHIAL TUBES AND SKIN. SOLUBLE BARIUM COMPOUNDS MAY ALSO CAUSE SEVERE STOMACH PAINS, SLOW PULSE RATE, IRREGULAR HEART BEAT,

ACUTE SYMPTOMS:

TIGHTNESS OF NECK AND FACIAL MUSCLES, VOMITTING, DIARRHEA, PAIN, WEAKNESS, CARDIAC DISTURBANCES AND CONVULSIONS

CHRONIC SYMPTOMS:

the starting to the property that had a property NO CHRONIC POISONING HAS BEEN REPORTED

FIRST AID

INHALATION:

REMOVE TO FRESH AIR, GIVE ARTIFICAL RESPIRATION IF NEEDED, SEEK MEDICAL ATTENTION

EVE CONTACT.

FLUSH/RINSE WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES

SKIN CONTACT:

REMOVE CONTAMINATED CLOTHING; WASH IMMEDIATELY WITH SOAP AND WATER

INGESTION:

GIVE LARGE QUANTITIES OF WATER; INDUCE VOMITING; SEEK MEDICAL ATTENTION

DISPOSAL/WASTE TREATMENT:

REFERENCES CONSULTED: [ ] VERSCHUERAN [ ] MERCK INDEX [ ] HAZARDLINE [ ] ACGIH [ ] TOXIC & HAZARDOUS SAFETY MANUAL [ ] CHRIS [ ] SAX

[ ] NIOSH/OSHA POCKET GUIDE

[ ] OTHER: OHS DATABASE

ecology and environment. inc.

HAZARD EVALUATION OF CHEMICALS PREPARATION/UPDATE DATE 5-8-90 

CHEMICAL NAME: BENZENE

CAS NUMBER: 71-43-2 DOT NAME/ID NO.:

SYNONYMS: BENZOL, BENZOLE, CYCLOHEXATRIENE, BENZOLENE, BICARBURET OF HYDROGEN, CARBON OIL, COAL NAPHTHA 

CHEMICAL AND PHYSICAL PROPERTIES:

CHEMICAL FORMULA: C6H6 MOLECULAR WEIGHT: 78 PHYSICAL STATE: LIQUID SPG/D 0.879 SOLUBILITY (H20): SLIGHTLY

VAPOR PRESS: 75MM FREEZING POINT: 42 F BOILING POINT: 176 F FLASH POINT: 12 F

FLAMMABLE LIMITS: 1.3-7.1%

ODOR CHARACTERISTICS: 4.68 PPM

INCOMPATABILITIES: STRONG OXIDIZERS, CHLORINE, BROMINE

"我再建设工程研究的难识的是最终的基础的企业的发生的意识的表现在的意识的。" 人名英格兰人姓氏克里住所名称

BIOLOGICAL PROPERTIES:

IDLH: TLV-TWA: 10 PPM PEL: 1 PPM ODOR THRESHOLD:

HUMAN (LCLO): TCLO 100/CNS RAT/MOUSE (LC50): TCLO 50/ AQUATIC:

CARCINOGEN: HUMAN-SUS RAT/MOUSE (LCSU): MUTIGEN: EXPER

[X] EYE CONTACT [X] SKIN CONTACT [X] INGESTION ROUTE OF EXPOSURE: [X] INHALATION

HANDLING RECOMMENDATIONS (PERSONAL PROTECTIVE MEASURES):

10 PPM USE SCBA, USE PROTECTIVE CLOTHING, EXCEL-VITON; GOOD-NEOPRENE, SARANAX; POOR-BUTYL, NATURAL RUBBER FOR GLOVES, AVOID SKIN/EYE CONTACT

MONITORING RECOMMENDATIONS: 東京· 1865年 1965年 1

CAN CAUSE DIZZINESS, EUPHORIA, GIDDINESS, HEADACHE, NAUSEA, STAGGERING GAIT, WEAKNESS, DROWSINESS, RESPIRATORY IRRITATION, HEALTH HAZARDS:

PULMONARY EDEMA AND PNEUMONIA, GASTROINTESTINAL IRRITATION, CONVULSIONS, AND PARALYSIS. CAN ALSO CAUSE IRRITATION TO SKIN, EYES

· [4] 大海龙湖湖, 《夏秋·南湖湖》, 《秋南·周· 西水溪湖湖, 《西水》: 《西水》: 《西水》: 《安水》: 《西水》: 《西水》: 《西水》: 《西水》:

· 1000年100 (基督》112040年1 SKIN IRRITANT, CNS DEPRESSANT, MOSTLY IHL, INITIAL EXCITATION FOLLOWED BY HEADACHE, DIZZINESS, VOMITING, DELIRIUM, SEVERE ACUTE SYMPTOMS:

EXPOSURE MAY SEE TREMORS, BLURRED VISION, SHALLOW RESP, CONVULSIONS

CHRONIC SYMPTOMS: ANOREXIA, DROWSINESS, ANEMIA, BLEEDING UNDER SKIN, REDUCED BLOOD CLOTTING; LIVER, KIDNEY, BONE MARROW DAMAGE, LEUKEMIA

FIRST AID

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SKIN CONTACT:

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REMOVE TO FRESH AIR, GIVE ARTIFICAL RESPIRATION IF NEEDED, SEEK MEDICAL ATTENTION INHALATION:

transfer of there are that early a relative to be a like one every two.

EYE CONTACT: FLUSH/RINSE WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES

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DO NOT INDUCE VOMITING, GIVE WATER OR MILK, GET MEDICAL ATTENTION IMMEDIATELY INGESTION:

REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER

DISPOSAL/WASTE TREATMENT:

TOXIC FUMES OF CARBON DIOXIDE, CARBON MONOXIDE

REFERENCES CONSULTED; [ ] VERSCHUERAN [ ] MERCK INDEX [X] HAZARDLINE [X] ACGIH [ ] TOXIC & HAZARDOUS SAFETY MANUAL [ ] CHRIS [ ] SAX

(X) NIOSH/OSHA POCKET GUIDE

[ ] OTHER: CHRIS (VOL III), SAX, ALDRICH, RTECS

ecology and environment. inc.

JOB NO ZT2051 HAZARD EVALUATION OF CHEMICALS PREPARATION/UPDATE DATE 6/07/93

BOILING POINT: Varied

CHEMICAL NAME: Polynuclear Aromatics
CAS NUMBER: Various DOT NAME/ID NO.:
SYNONYMS: Anthracene, Chrysene, Pyrene, Indenol

RQ:

FLASH POINT:

CHEMICAL AND PHYSICAL PROPERTIES:

CHEMICAL FORMULA: CxHx MOLECULAR WEIGHT: Var. PHYSICAL STATE: Liquid

SPG/D Var. SOLUBILITY (H20): insoluable

------

FLAMMABLE LIMITS: 0:6-?

ODOR CHARACTERISTICS: Varied

INCOMPATABILITIES: Strong Oxidizers

**BIOLOGICAL PROPERTIES:** 

VAPOR PRESS: 1.17-1.2

IDLH: TLV-TWA: PEL: 0.2mg/m3 ODOR THRESHOLD:

HUMAN (LCLO): RAT/MOUSE (LC50): AQUATIC:
CARCINGEN: X

MUTIGEN: X

ROUTE OF EXPOSURE: [X] INHALATION [X] EYE CONTACT [X] SKIN CONTACT [] INGESTION

HANDLING RECOMMENDATIONS (PERSONAL PROTECTIVE MEASURES):

FREEZING POINT:

Respiratory protection with GMC-H cartridges, skin protection (gloves and coveralls)

MONITORING RECOMMENDATIONS:

Particulates in air - miniram

HEALTH HAZARDS:

自己经济的 法解析证法,作是主义

ACUTE SYMPTOMS: Eye/skin irritation, dermatitis, photosensitization

CHRONIC SYMPTOMS: Carcinogenic effects

FIRST AID

INHALATION: REMOVE TO FRESH AIR, GIVE ARTIFICAL RESPIRATION IF NEEDED, SEEK MEDICAL ATTENTION

EYE CONTACT: FLUSH/RINSE WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER

INGESTION:

DISPOSAL/WASTE TREATMENT:

Segregate contaminated materials, double bag, dispose of as hazardous material

REFERENCES CONSULTED: [] VERSCHUERAN [] MERCK INDEX [] HAZARDLINE [X] ACGIH [] TOXIC & HAZARDOUS SAFETY MANUAL [X] CHRIS [] SAX
[X] NIOSH/OSHA POCKET GUIDE

[ ] OTHER: Pattys Industrial Hygiene and Toxicology

ecology and environment, inc.

JOB NO ZT2051 HAZARD EVALUATION OF CHEMICALS PREPARATION/UPDATE DATE 5-23-90

CHEMICAL NAME: POLYCHLORINATED BIPHENYL
CAS NUMBER: 53469-21-9 DOT NAME/ID NO.:

SYNONYMS: AROCHLOR 1242/42% CHLORINE, CHLORODIPHENYL

RO:

CHEMICAL AND PHYSICAL PROPERTIES:

CHEMICAL FORMULA: C12H7C13 MOLECULAR WEIGHT: 258 PHYSICAL STATE: DARK LIQUID SPG/D 1.3 SOLUBILITY (H20): INSOLUBLE

VAPOR PRESS: 001 MM FREEZING POINT: -2 F BOILING POINT: 617-691 F FLASH POINT: 349 F FLAMMABLE LIMITS: UNKNOWN

ODOR CHARACTERISTICS:

INCOMPATABILITIES: STRONG OXIDIZERS

BIOLOGICAL PROPERTIES:

IDLH: TLV-TWA: 1 MG/M3 PEL: 1 MG/M3 ODOR THRESHOLD:

HUMAN (LCLO): 10 MG/M3 RAT/MOUSE (LC50): AQUATIC: 278 PPM

CARCINOGEN: SUS-HUM TERATOGEN: MUTIGEN: ANIM-POS

ROUTE OF EXPOSURE: [X] INHALATION [X] EYE CONTACT [X] SKIN CONTACT [X] INGESTION

HANDLING RECOMMENDATIONS (PERSONAL PROTECTIVE MEASURES):

ANY DETECTABLE LIMIT - SCBA, EXCEL-VITON; GOOD-BUTYL, VINYL, NITRILE; POOR-NEOPRENE, SAFETY GOGGLES, CLOTHING TO AVOID CONTACT

MONITORING RECOMMENDATIONS:

HEALTH HAZARDS:

ACUTE SYMPTOMS: IRRITATION OF EYES, NOSE, THROAT, CAN CAUSE VOMITING, EDEMA, ANOREXIA, NAUSEA, ABDOMINAL PAIN, FATIGUE

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CHRONIC SYMPTOMS: CHLORACNE FROM PROLONGED SKIN CONTACT, ACUTE & CHRONIC EXPOSURE MAY CAUSE LIVER DAMAGE OR CANCER

FIRST AID

INHALATION: REMOVE TO FRESH AIR, GARGLE WITH WATER AND USE SEDATIVE COUGH MIXTURE

EYE CONTACT: FLUSH/RINSE WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER

INGESTION: GIVE LARGE QUANTITIES OF SALT WATER; INDUCE VOMITING; SEEK MEDICAL ATTENTION

DISPOSAL/WASTE TREATMENT:

REFERENCES CONSULTED: [ ] VERSCHUERAN [ ] MERCK INDEX [ ] HAZARDLINE [X] ACGIH [ ] TOXIC & HAZARDOUS SAFETY MANUAL [X] CHRIS [X] SAX

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[X] NIOSH/OSHA POCKET GUIDE

[ ] OTHER: RTECS

# SITE SAPETY MEETING (Must be filled out by Site Safety Officer at the site)

Project MCC Construction		
site safety officer : DONOUAL ROBIC	Date Time	
Address: Kosther Aul.		·
Type of Work: SAMPLe drume or	nd	<del></del>
SAFETY	TOPICS PRESENTED	
Protective Clothing/Equipment: SAVALLE,	books Nitrile clover	-
Chemical Hazards: to he determined w	VIA AIR MOZITALIA	
AD 12 1 11 11 11 11 11 11 11 11 11 11 11 1	The first and th	
Physical Hazards: Shp trip / puner	7006	
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Rediation Hazards: Ahd. none	of have	<del> </del>
maries of the form of	e prom	<del></del>
Emergency Procedures: 9/1		
Emerdanch stocedures: 1/		
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0 1 0 1	611 /117	
Hospital/Clinic: furl Prodes	Telephone: 946-996	<u>«                                    </u>
Hospital Address: 16 13 W. Coyuna	Emergency Telephone 4:	
Special Equipment:		
Others:		<del></del>
Checklist		•
. Smergency information reviewed?	ide familiar to all team members? V/N	n.members 7 / M
2. Route to nearest hospital explained and reviewed 3. Site safety plan readily available and its locat	ion known to all team members? Y/N	
he site safety meeting shall be attended by all penformational update meetings will be held when sit.		area. Daily
	ATTENDANCE	
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